TS300-E6/PS4

Flagship UP Pedestal Server with High Flexibility

TS300-E6/PS4 is a single-socket pedestal server system based on Dual-Core/Quad-Core Intel® 3400 series processor and Intel® 3420PCH chipset, which provides immediate performance scale up and high processing speed in the UP tower server.

Specifications

Processor / System Bus	1 x Socket 1156 Quad Core Intel Xeon 3400 series Server Processor Quad Core Intel Core i7-800 series Desktop Processor★ Quad Core Intel Core i5-700 series Desktop Processor★ Dual Core Clarkdale CPU design Ready ☆ Quad Core/Dual Core
Core Logic	Intel® 3420 PCH
ASUS Features	ASWM2.0
Memory	**Total Slots:** 6 (2-channel) RDIMM; 4 (2-channel) UDIMM **Capacity:** Maximum up to 32GB (RDIMM), Maximum up to 16GB (UDIMM) (Desktop Processor do not support RDIMM nor ECC UDIMM) **Memory Type:** DDR3 1066/1333 Reg DIMM/ Unbuffered DIMM with ECC/ DDR3 800/1066/1333 Reg DIMM **Memory Size:** 1GB 2GB 4GB and 8GB* (RDIMM)/ 1 GB, 2GB, 4GB (UDIMM)
Expansion Slots	**Total Slots:** 6 **Slot Type:** 1x PCI-E G2 x16 slot (x8 link)---- (Flex-E) 1x PCI-E G2 x16 slot (x8 link) 1x PCI-E G1 x1 slot (x1 link) 3 x PCI 32/33 5V
Storage	**Addditional Slot 1:** 1* PIKE Slot for Stroage Enhancement **Additional Slot 2:** 1* MIO Slot for Audio **SATA Controller:** Intel® 3420: 4 SATA2 300MB/s ports Intel Matrix Storage (for Windows only) (Support software RAID 0, 1, 10 & 5) LSI® MegaRAID (for Linux/Windows) (Support software RAID 0, 1, 10) **SAS Controller:** Optional: Asus PIKE 1064E 8-port SAS RAID card Asus PIKE 1078 8-port SAS HW RAID card Asus PIKE 6480 8-port SAS RAID card
HDD Bays	4 x Hot-swap 3.5
Networking	**LAN:** 2 * Intel 82574L + 1 * Mgmt LAN
Graphic	**VGA:** Aspeed AST2050 8MB
Auxiliary Storage	1 x 5.25" media bays (Options: No Device / DVD-RW)
On Board I/O	1 x External Serial Port 3 x RJ-45 ports (One for ASMB4-iKVM) 4 x USB2.0 ports (Front * 2, Rear * 2) 1 x VGA port 1 x PS/2 Keyboard port

	1 x PS/2 Mouse port
OS Support	Windows® Server 2008 Enterprise 32/64-bit Windows® Server 2003 R2 Enterprise (32/64 bit) RedHat® Enterprise Linux AS5.0 (32/64 bit) SuSE® Linux Enterprise Server 10 (32/64 bit) (Subject to change without any notice)
Anti-virus Software	Optional Anti-Virus CD Pack
Management Solution	**Software:** ASWM2.0 **Out of Band Remote Management:** Optional ASMB4-iKVM for KVM-over-IP support
Safety	Europe (CE, EN55022 compliance to EU Directive 89/366/EEC) US (FCC, CFR47 Part 15, Class B)
EMI	Europe (CE, EN55022 & EN55024) Australia (C-TICK) Taiwan (BSMI) China (CCC)
Dimensions without Packing	445 mm (H) x 217.5 mm (W) x 545 mm (D)
Net Weight Kg (CPU, DRAM and HDD not included)	20 Kg
Power Supply	390W Single Power Supply 80 Plus
Environment	**Operation temperature:** 10℃ ~ 35℃ / Non operation temperature: -40℃ ~ 70℃ **Non operation humidity:** 20% ~ 90% (Non condensing)
Accessories	1 x User's Guide 1 x ASUS ASWM2.0 User's Guide 1 x Support CD 1 x Bag of Screws 1 x AC Power Cable
Optional Items	ASMB4-iKVM Remote Management Card CPU Heatsink Ball Bearing Rail Kit CA eTrust Anti-virus Software CD

- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- PCB color and bundled software versions are subject to change without notice.
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